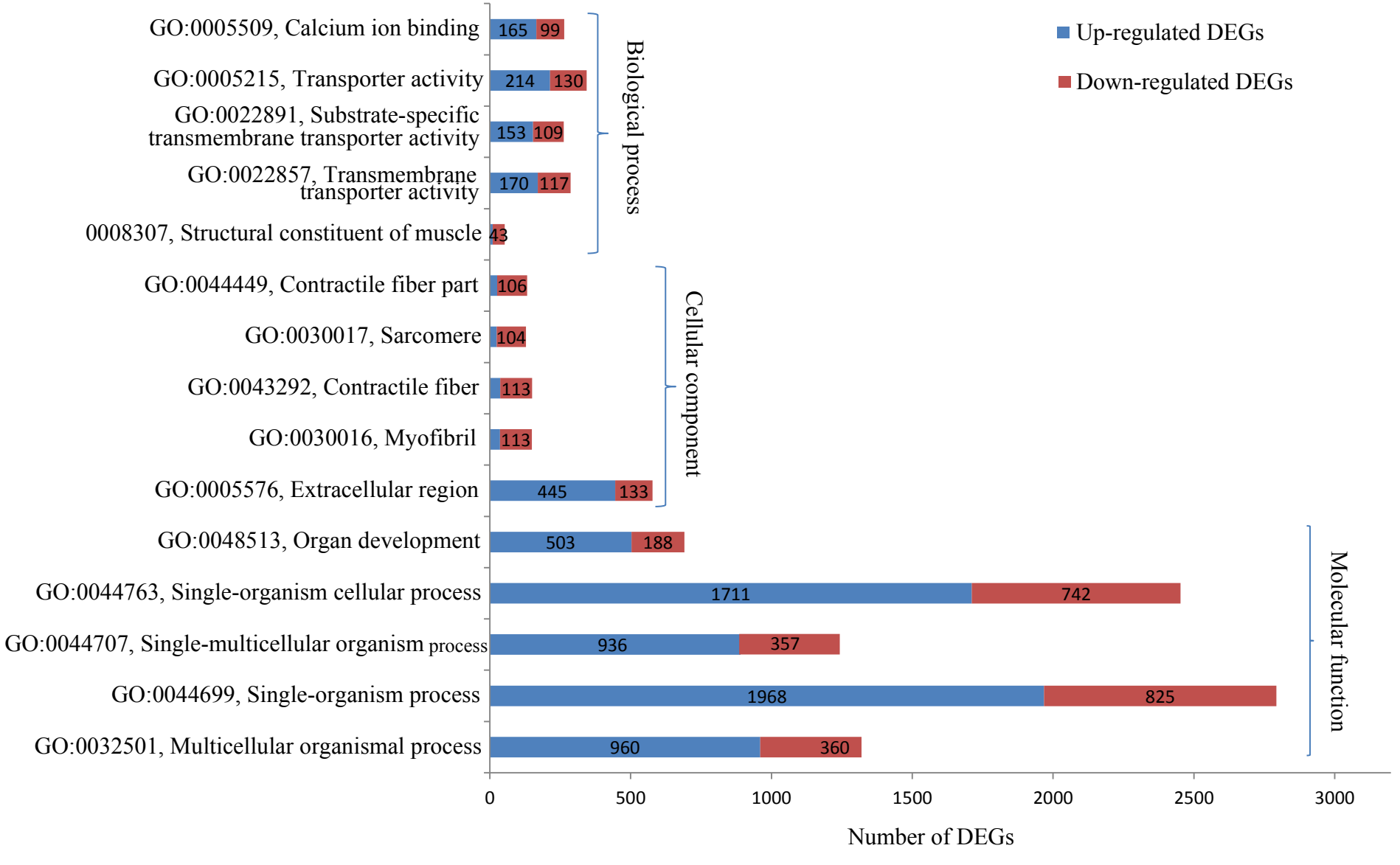
GO:0005509, Calcium ion binding
GO:0005215, Transporter activity
GO:0022891, Substrate-specific transmembrane transporter activity
GO:0022857, Transmembrane transporter activity
0008307, Structural constituent of muscle
GO:0044449, Contractile fiber part
GO:0030017, Sarcomere
GO:0043292, Contractile fiber
GO:0030016, Myofibril
GO:0005576, Extracellular region
GO:0048513, Organ development
GO:0044763, Single-organism cellular process
GO:0044707, Single-multicellular organism process
GO:0044699, Single-organism process
GO:0032501, Multicellular organismal process
165
99
214
130
153
109
170
117
43
106
104
113
113
445
133
503
188
1711
742
936
357
1968
825
960
360
Biological process
Cellular component
Molecular function
Up-regulated DEGs
Down-regulated DEGs
0
500
1000
1500
2000
2500
3000
Number of DEGs